



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1839

SERIAL NUMBER 10/683,622	FILING DATE 10/10/2003  RULE	CLASS 324	GROUP ART UNIT 2829	ATTORNEY DOCKET NO. QMFG1052.US
-----------------------------	---------------------------------------	--------------	------------------------	------------------------------------

APPLICANTS

Muwaffaq Alghouli, Tustin, CA;

\*\* CONTINUING DATA \*\*\*\*\* *✓*

\*\* FOREIGN APPLICATIONS \*\*\*\*\* *✓*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 01/12/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 4	TOTAL CLAIMS 4	INDEPENDENT CLAIMS 1
---	------------------------	------------------------	----------------------	----------------------------

35 USC 119 (a-d) conditions met ☒ yes ☒ no ☐ Met after Allowance

Verified and Acknowledged *[Signature]* Examiner's Signature *[Initials]*

ADDRESS

Tejinder Singh  
 Klein, O'Neill & Singh, LLP  
 2 Park Plaza, Suite 510  
 Irvine, CA  
 92614

TITLE

System and apparatus for testing Ball Grid Arrays

FILING FEE  RECEIVED 770	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---